

# Maloney Scraper Cups & Discs

Compression Molded,  
High-Quality, Long-Wearing  
Cups & Discs

## Scraper Cups

Maloney Scraper Cups fulfill the exacting demands of their use as no other scraper cups available on the market today. Maloney Scraper Cups, as all Maloney products, are the result of years of research and experimentation to provide the industry with the finest product, with the highest standards, at an economical cost.

Maloney Scraper cups and discs are **compression molded at cavity pressures exceeding 2000 psi**. Maloney does not pour-cast or rotational-mold any of its cups and discs. The compression molding process ensures uniform density of the compounded material and yields a wear-life that is unmatched in the industry.

The Maloney Scraper Cup puts the pressure in the line to work for effective sealing. The design of the cup allows pipeline pressure to seat the sealing surface against the pipe with sufficient force to create a positive seal without excessive wear. The blunt edge of the cup allows the full depth of the lop to wear and to provide full, usable area throughout its life. The shoulder and body of the cup have the strength and necessary flexibility for complete adaptability to out-of-round or varying weight pipe, valve restrictions, or other abnormal conditions.

## Applications

In addition to the conventional use of Scraper Cups for on-stream pigging, pigging new lines, and clean-out service in existing lines, Maloney Scraper Cups have proven to be extremely effective in hydrostatic testing and water-removal applications.



## Scraper Discs

Maloney Scraper Discs are designed for Bi-Directional pigging applications requiring a disc, and are compounded and manufactured under the same strict quality control as the Scraper Cups. The discs are available in a full range of diameters.

### RESEARCH AND DEVELOPMENT

The Maloney Research and Development Laboratory maintains quality control, ensuring consistent duplication of design standards. In addition, Maloney's Research

and Development Lab and our Engineering Department investigate new designs and maintain a file of thoroughly tested compounds for special applications involving unusual conditions such as temperature or pressure extremes, corrosive products, and others.

Special compounds are available in Maloney Scraper Cups and Discs on your order to fulfill a particular need. The facilities of Maloney Technical Products are at your disposal to help solve your problems.

*(More information on reverse side)*

Visit our web site [www.maloneytech.com](http://www.maloneytech.com)

### SALES & SERVICE WORLDWIDE

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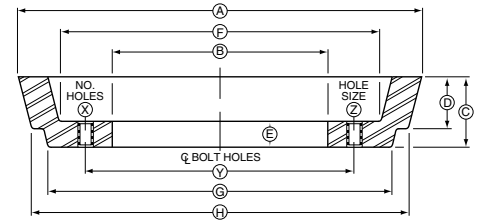
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## Cups 2 through 14 Inches

Pipe Size	A	B	C	D	E	F	G	H
2"	2-1/8	*	7/8	1/2	3/8	1-1/4	1-23/32	2-3/32
2-1/2"	2-17/32	*	7/8	1/2	3/8	1-5/8	2-5/32	2-1/2
3"	3-3/16	*	1-1/8	5/8	1/2	2-1/4	2-3-4	3-3/32
3-1/2"	3-23/32	*	1-1/4	3/4	1/2	2-5/8	3-3/32	3-9/16
4"	4-7/32	*	1-3/8	7/8	1/2	2-7/8	3-19/32	4-1/32
4"+	4-11/32	*	1-3/8	7/8	1/2	3-1/16	3-23/32	4-5/32
5"	5-1/4	*	1-3/8	7/8	1/2	3-3/4	4-9/16	5
5-7/8"	5-7/8	*	1-3/4	1-1/16	11/16	4-1/4	5	5-5/8
6"	6-9/32	*	1-3/4	1-1/16	11/16	4-1/4	5-5/32	5-31/32
6"+	6-21/32	*	2	1-1/2	5/8	3-9/16	5-3/32	6-1/16
8"	8-1/4	*	2	1-5/16	11/16	6-5/16	7-7/32	8
8"+	8-3/4	*	2	1-7/16	11/16	6-5/16	7-7/16	8-3/8
10"	10-7/32	*	2-1/4	1-3/4	7/8	8-1/16	8-3/4	10-1/16
10"+	10-1/2	*	2-1/4	1-3/4	7/8	8-3/8	9	10-1/4
12"	12-7/32	*	2-1/4	1-3/8	7/8	10-1/16	11-1/2	12-1/16
12"+	12-1/2	*	2-1/4	1-3/4	7/8	10-1/16	11-5/32	12-1/4
14"	14-1/4	*	2-1/2	1-7/8	7/8	10-5/8	11-21/32	13

\* Center Hole Per Customer Specifications

+ For Pipe With Special Wall Thickness



Available in neoprene, nitrile and polyurethanes.

## Cups 14 through 56 Inches

Pipe Size	A	B	C	D	E	F	G	H	X	Y	Z
14"	14-1/2	*	2-1/2	1-7/8	7/8	10-5/8	11-3/4	13	8	8-1/2	9/16
16"	16	8-3/4	2-3/4	2-1/4	1	12-7/8	13-15/16	15-1/4	8	11	9/16
18"	18	10-7/8	3	2-3/8	1	14-13/16	16	17-1/4	8	12-3/4	9/16
20"	20-1/4	10-7/8	3-1/2	2-5/8	1-1/4	15-3/4	17-1/4	19	12	13-1/2	9/16
22"	21-7/8	10-7/8	3-3/4	2-7/8	1-1/4	18-1/4	19-7/8	21-1/4	12	13-1/2	9/16
24"	24-1/4	14-1/8	4	2-7/8	1-1/2	19-11/16	21-5/8	23-1/4	14	16-1/2	9/16
26"	26-1/4	14-1/8	4	2-7/8	1-1/2	21-5/16	22-3/4	25-1/4	14	16-1/2	9/16
28"	28-1/4	15	4-3/8	3	1-3/4	22-1/2	25	27-1/4	14	18	15/32
30"	30-1/4	16-1/8	4-3/8	3	1-7/8	24-1/4	26-1/4	29-1/2	16	19-1/2	9/16
31"	31-3/8	16-1/8	5	3-1/2	1-7/8	25-3/8	29-1/4	30-5/8	16	19-1/2	9/16
32"	32-1/4	22-1/8	4-3/8	3	1-7/8	26-5/16	29-1/8	31-7/8	24	24-1/8	9/16
34"	34-1/4	20-1/2	4-3/8	3	1-7/8	28-7/8	31-1/4	33-7/8	18	23	9/16
36"	36-1/4	22-1/8	4-3/8	3	1-7/8	31	33-1/4	35-7/8	22	25	9/16
36"+	36-1/4	26-1/8	4-3/8	3	1-7/8	31	33-1/16	35-7/8	28	28	7/16
38"	38-1/4	20-1/8	5	-	2	34-1/16	-	36-1/2	24	24	9/16
40"	40-1/4	22-1/8	5	-	2	34-3/4	-	38-1/2	24	26	11/16
42"	42-1/4	22-1/8	5	-	2	36-11/16	-	40-1/2	24	30	11/16
48"	48-1/4	32-1/8	5	-	2	43-1/8	-	46-1/2	24	36	9/16
56"	Specifications upon inquiry										

\* Center Hole Per Customer Specifications

+ For Pipe With Special Wall Thickness

## How to Order

When ordering specify Size of Cup or Disc, Pipe Diameter, Size of Center Hole, Number of Bolt Holes, Size of Bolt Hole Circle, and Compound.

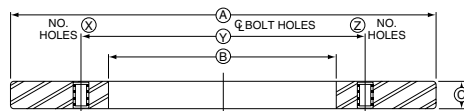
Maloney Scraper Cups and Discs are available from stock for immediate shipment from our plant. A complete line of sizes is available, including thin-wall pipe applications. Orders involving special compounding or matching are also available. Specific information will be furnished on request.

Visit our website [www.maloneytech.com](http://www.maloneytech.com)

## Discs 3 through 16 Inches

Pipe Size	A	B	C
3"	3-3/16	*	1/2
4"	4-3/16	*	5/8
4"	4-3/16	*	1/2
6"	6-1/4	*	7/8
8"	8-9/32	*	7/8
8-3/4"	8-3/4	1-1/16	1/2
10"	10-3/16	*	7/8
10"	10-1/2	*	7/8
12"	12-1/4	*	7/8
14"	13-7/8	*	7/8
16"	15-7/8	*	1-1/16
16"	15-7/8	*	1-1/8

\* Center Hole Per Customer Specifications



Available in neoprene, nitrile and polyurethanes.

## Discs 16 through 48 Inches

Pipe Size	A	B	C	X	Y	Z
16"	15-7/8	*	1-1/8	8	11	9/16
18"	17-3/4	10-3/4	1-1/4	8	12-3/4	9/16
18"	17-5/8	10-7/8	1-1/2	8	12-3/4	9/16
20"	20-1/4	10-7/8	1-1/4	12	13-1/2	9/16
20"	19-1/2	10-7/8	1-3/4	12	13-1/2	9/16
22"	21-1/2	10-7/8	1-3/4	12	13-1/2	9/16
24"	24-1/2	13	1	10	15-7/8	9/16
24"	23-1/2	14-1/8	1-3/4	14	16-1/2	9/16
26"	26-1/2	13	1	10	15-7/8	9/16
26"	25-1/2	14-1/8	1-3/4	14	16-1/2	9/16
28"	29-1/8	13	1	10	15-7/8	9/16
30"	30-11/16	13	1	10	15-7/8	9/16
30"	29-1/2	16-1/8	2	16	19-1/2	9/16
36"	36-1/2	16-1/8	1-1/8	16	19	9/16
36"	36-1/2	11	1-1/8	16	19	9/16
36"	35-1/2	22-1/2	2	22	25	9/16
40"	40-1/2	22-1/8	1-1/8	24	26	9/16
42"	42-1/2	13-1/8	1-1/8	10	16	9/16
42"	42-1/2	13-1/8	1-1/4	10	16	9/16
42"	42-1/2	13-1/8	1-1/4	16	19	9/16
42"	42-1/2	24-1/8	2	24	30	11/16
48"	47	32-1/8	3	24	36	9/16

\* Center Hole Per Customer Specifications

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